

## Freeform Search

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US Pre-Grant Publication Full-Text Database  
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**Term:**

**Display:** 100 **Documents in Display Format:** [-] **Starting with Number:** 1

**Generate:**  Hit List  Hit Count  Side by Side  Image

**Search** **Clear** **Interrupt**

### Search History

**DATE:** Saturday, December 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit</u>	<u>Set</u>
			<u>Count</u>	<u>Name</u>
side by side				result set
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L16</u>	DHFR	near10 common\$ near5 (marker\$ or reporter\$)	20	<u>L16</u>
<u>L15</u>	L14	and (DHFR or dihydrofolate)	0	<u>L15</u>
<u>L14</u>	L7	and (marker or reporter\$)	1	<u>L14</u>
<u>L13</u>	(aaRS or \$yl-tRNA	near synthetase\$) near50 vector\$ and (DHFR or dihydrofolate)	12	<u>L13</u>
<u>L12</u>	(aaRS or \$yl-tRNA	near synthetase\$) near20 vector\$ and (DHFR or dihydrofolate)	12	<u>L12</u>
<u>L11</u>	(aaRS or \$yl-tRNA	near synthetase\$) near100 (DHFR or dihydrofolate)	19	<u>L11</u>
<u>L10</u>	(aaRS or \$yl-tRNA	near synthetase\$) near50 (DHFR or dihydrofolate)	19	<u>L10</u>
<u>L9</u>	(aaRS or \$yl-tRNA	near synthetase\$) and (DHFR or dihydrofolate)	788	<u>L9</u>
<u>L8</u>	L7	and (Yeast or insect or plant or mammalian)	1	<u>L8</u>
<u>L7</u>	6221640	[pn]	2	<u>L7</u>
<u>L6</u>	L5	and interest	2	<u>L6</u>
<u>L5</u>	6586207	[pn]	2	<u>L5</u>
<u>L4</u>	methionyl	near t-RNA near synthetase or methionylt-RNA near synthetase	15	<u>L4</u>

<u>L3</u>	(methionyl near t-RNA near synthetase or methionylt-RNA near synthetase) near10 vector\$	0	<u>L3</u>
<u>L2</u>	(methionyl near t-RNA near synthetase or methionylt-RNA near synthetase) near10 clon\$	0	<u>L2</u>
<u>L1</u>	(methionyl near t-RNA near synthetase or methionylt-RNA near synthetase) near10 clon\$ near5 vector\$	0	<u>L1</u>

END OF SEARCH HISTORY

**PALM INTRANET**

Day : Saturday  
Date: 12/31/2005

Time: 16:27:36

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name****First Name**

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 **PALM INTRANET**Day : Saturday  
Date: 12/31/2005

Time: 16:27:36

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

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Set	Items	Description
---	---	-----
? set hi ; <b>set hi</b>		
HIGHLIGHT	set on as ''	
<b>HIGHLIGHT</b>	set on as ''	
? begin 5,6,55,154,155,156,312,399,biotech,biosci		
>>>	135	is unauthorized

Set	Items	Description
		-----
		? s (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS) and amino (n) acid? (5n) (analog? or artificial?)
Processing		
Processing		
Processed	10 of 39 files ...	
Processing		
Processed	20 of 39 files ...	
Completed	processing all files	
	542	AMINOACYL-TRNA
	278879	SYNTHETASE?
	3	AMINOACYL-TRNA (N) SYNTHETASE?
	99	METHIONYL-TRNA
	278879	SYNTHETASE?
	1	METHIONYL-TRNA (N) SYNTHETASE?
	1593	AARS
	6612346	AMINO
	18689494	ACID?
	2950154	ANALOG?
	1459713	ARTIFICIAL?
	41588	AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
S1	40	(AMINOACYL-TRNA (N) SYNTHETASE? OR METHIONYL-TRNA (N) SYNTHETASE? OR AARS) AND AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
		? s vector? (5n) (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS) and amino (n) acid? (5n) (analog? or artificial?)
Processing		
Processed	10 of 39 files ...	
Processing		
Processed	20 of 39 files ...	
Processing		
Completed	processing all files	
	2139346	VECTOR?
	542	AMINOACYL-TRNA
	278879	SYNTHETASE?
	3	AMINOACYL-TRNA (N) SYNTHETASE?
	99	METHIONYL-TRNA
	278879	SYNTHETASE?
	1	METHIONYL-TRNA (N) SYNTHETASE?
	1593	AARS
	0	VECTOR? (5N) ((AMINOACYL-TRNA (N) SYNTHETASE? OR METHIONYL-TRNA (N) SYNTHETASE?) OR AARS)
	6612346	AMINO
	18689494	ACID?
	2950154	ANALOG?
	1459713	ARTIFICIAL?
	41588	AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
S2	0	VECTOR? (5N) (AMINOACYL-TRNA (N) SYNTHETASE? OR METHIONYL-TRNA (N) SYNTHETASE? OR AARS) AND AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
		? s overexpress? (5n) (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS) and amino (n) acid? (5n) (analog? or artificial?)
Processing		
Processed	10 of 39 files ...	
Processing		
Processed	30 of 39 files ...	
Processing		
Completed	processing all files	
	594031	OVEREXPRESS?
	542	AMINOACYL-TRNA
	278879	SYNTHETASE?
	3	AMINOACYL-TRNA (N) SYNTHETASE?
	99	METHIONYL-TRNA
	278879	SYNTHETASE?
	1	METHIONYL-TRNA (N) SYNTHETASE?
	1593	AARS

0 OVEREXPRESS? (5N) ((AMINOACYL-TRNA (N) SYNTHETASE? OR  
METHIONYL-TRNA (N) SYNTHETASE?) OR AARS)

6612346 AMINO

18689494 ACID?

2950154 ANALOG?

1355517 ARTIFICIAL

41429 AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL)

S3 0 OVEREXPRESS? (5N) (AMINOACYL-TRNA (N) SYNTHETASE? OR  
METHIONYL-TRNA (N) SYNTHETASE? OR AARS) AND AMINO (N)  
ACID? (5N) (ANALOG? OR ARTIFICIAL)

? s s1 and (overexpres? or enhanc? (n) express?)

Processing

Processed 10 of 39 files ...

Completed processing all files

40 S1

594149 OVEREXPRES?

4792417 ENHANC?

9561735 EXPRESS?

56213 ENHANC? (N) EXPRESS?

S4 2 S1 AND (OVEREXPRES? OR ENHANC? (N) EXPRESS?)

? d s4/3/1-2

Display 4/3/1 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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02046904 ORDER NO: AADAA-I3151401

Expanding the biosynthetic capacity of the aminoacyl-tRNA synthetases

Author: Wang, Pin

Degree: Ph.D.

Year: 2004

Corporate Source/Institution: California Institute of Technology (0037)

Source: VOLUME 65/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5277. 294 PAGES

ISBN: 0-496-11466-2

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01831681 ORDER NO: AADAA-I3012149

Expanding the scope of templated macromolecular synthesis in vivo: The incorporation of methionine analogues into proteins in vivo by altering the methionyl-tRNA synthetase activity of a bacterial expression host

Author: Kiick, Kristi Lynn

Degree: Ph.D.

Year: 2001

Corporate Source/Institution: University of Massachusetts Amherst (0118)

Source: VOLUME 62/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1889. 190 PAGES

ISBN: 0-493-21963-3

- end of record -

? s incorporat? (5n) (analog? or artificial?) (5n) amino (n) acid? and (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS)

Processing

Processed 10 of 39 files ...

Processing

Processed 30 of 39 files ...

Completed processing all files

1828784 INCORPORAT?

2950154 ANALOG?

1459713 ARTIFICIAL?

6612346 AMINO

18689494 ACID?

1272 INCORPORAT? (5N) (ANALOG? OR ARTIFICIAL?) (5N) AMINO (N) ACID?

542 AMINOACYL-TRNA

278879 SYNTETASE?  
3 AMINOACYL-TRNA (N) SYNTETASE?  
99 METHIONYL-TRNA  
278879 SYNTETASE?  
1 METHIONYL-TRNA (N) SYNTETASE?  
1593 AARS  
S5 36 INCORPORAT? (5N) (ANALOG? OR ARTIFICIAL?) (5N) AMINO (N)  
ACID? AND (AMINOACYL-TRNA (N) SYNTETASE? OR  
METHIONYL-TRNA (N) SYNTETASE? OR AARS)

? s s5 not py>2000

Processing

Processed 10 of 39 files ...

>>>One or more prefixes are unsupported  
>>> or undefined in one or more files.

Completed processing all files

36 S5

34498196 PY>2000

S6 6 S5 NOT PY>2000

? rd s6

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S7 2 RD S6 (unique items)

? d s7/3/1-2

Display 7/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0012898796 BIOSIS NO.: 200100070635

Protein engineering by in vivo incorporation of non-natural  
amino acids: Control of incorporation of methionine  
analogues by methionyl-tRNA synthetase

AUTHOR: Kiick Kristi L; Tirrell David A (Reprint)

AUTHOR ADDRESS: Division of Chemistry and Chemical Engineering, California  
Institute of Technology, Pasadena, CA, 91125, USA\*\*USA

JOURNAL: Tetrahedron 56 (48): p9487-9493 24 November, 2000 2000

MEDIUM: print

ISSN: 0040-4020

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

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DIALOG(R)File 6:NTIS

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2191168 NTIS Accession Number: ADA385877/XAB

Site Specific Incorporation of Amino Acid

Analogues into Proteins In Vivo

Kowal, A. K. ; Kohrer, C. ; RajBhandary, U. L.

Massachusetts Inst. of Tech., Cambridge. Dept. of Biology.

Corp. Source Codes: 002450111; 401218

2000 29p

Languages: English

Journal Announcement: USGRDR0111

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? e au=tirrell, david

Ref Items Index-term

E1 2 AU=TIRRELL, DA\*  
E2 13 \*AU=TIRRELL, DAVID  
E3 56 AU=TIRRELL, DAVID A  
E4 570 AU=TIRRELL, DAVID A.  
E5 1 AU=TIRRELL, DAVID A. (ED. )  
E6 2 AU=TIRRELL, DAVID ANTHONY  
E7 2 AU=TIRRELL, FREDERICK JOHN  
E8 1 AU=TIRRELL, G. M.  
E9 1 AU=TIRRELL, H.  
E10 2 AU=TIRRELL, J. C.  
E11 1 AU=TIRRELL, J. D.  
E12 2 AU=TIRRELL, J. E.

Enter P or PAGE for more

? e au=tirrell davisd

Ref Items Index-term  
E1 2 AU=TIRRELL DAVID T  
E2 0 \*AU=TIRRELL DAVISD  
E3 1 AU=TIRRELL DK  
E4 1 AU=TIRRELL DT  
E5 6 AU=TIRRELL F J  
E6 2 AU=TIRRELL F.J.  
E7 1 AU=TIRRELL FJ  
E8 2 AU=TIRRELL I  
E9 4 AU=TIRRELL ISAAC  
E10 1 AU=TIRRELL J  
E11 12 AU=TIRRELL J G  
E12 1 AU=TIRRELL J P

Enter P or PAGE for more

? e au=tirrell david

Ref Items Index-term  
E1 2 AU=TIRRELL DAVAD A  
E2 8 \*AU=TIRRELL DAVID  
E3 248 AU=TIRRELL DAVID A  
E4 2 AU=TIRRELL DAVID T  
E5 1 AU=TIRRELL DK  
E6 1 AU=TIRRELL DT  
E7 6 AU=TIRRELL F J  
E8 2 AU=TIRRELL F.J.  
E9 1 AU=TIRRELL FJ  
E10 2 AU=TIRRELL I  
E11 4 AU=TIRRELL ISAAC  
E12 1 AU=TIRRELL J

Enter P or PAGE for more

? e au=kiick, kristi

Ref Items Index-term  
E1 1 AU=KIICK, K.L. (ED.)  
E2 2 AU=KIICK, KL  
E3 1 \*AU=KIICK, KRISTI  
E4 5 AU=KIICK, KRISTI L  
E5 70 AU=KIICK, KRISTI L.  
E6 3 AU=KIICK, KRISTI LYNN  
E7 1 AU=KIICKFISCHER KL  
E8 1 AU=KIIDA, N. P.  
E9 3 AU=KIIDANOVA N M  
E10 2 AU=KIIDANOVA N.M.  
E11 1 AU=KIIDANOVA NM  
E12 1 AU=KIIDANOVA, N. M.

Enter P or PAGE for more

? e au=kiick kristi

Ref Items Index-term

E1- 0 \*AU=KIICK KRISTI  
E2 43 AU=KIICK KRISTI L  
E3 2 AU=KIICK KRISTI LYNN  
E4 2 AU=KIICK SUNG  
E5 1 AU=KIICK-FFISCHER, KRISTI LYNN  
E6 5 AU=KIICK-FISCHER K L  
E7 1 AU=KIICK-FISCHER, K.L.  
E8 1 AU=KIICK-FISCHER, KRISTI L.  
E9 6 AU=KIICK-FISCHER, KRISTI LYNN  
E10 1 AU=KIICK, CAROLE ANN  
E11 2 AU=KIICK, D. M.  
E12 2 AU=KIICK, D.M.

Enter P or PAGE for more

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